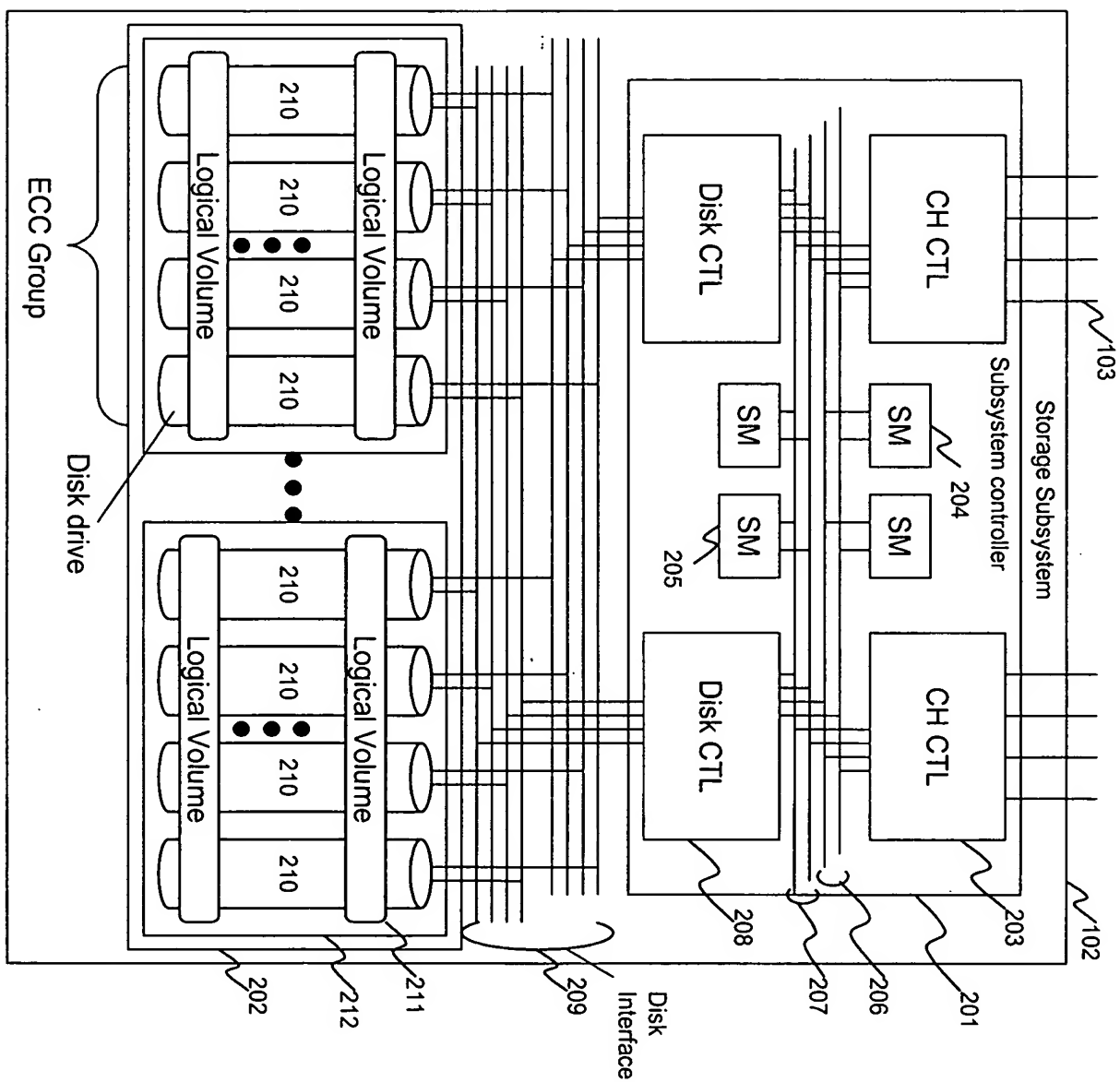


FIG. 1

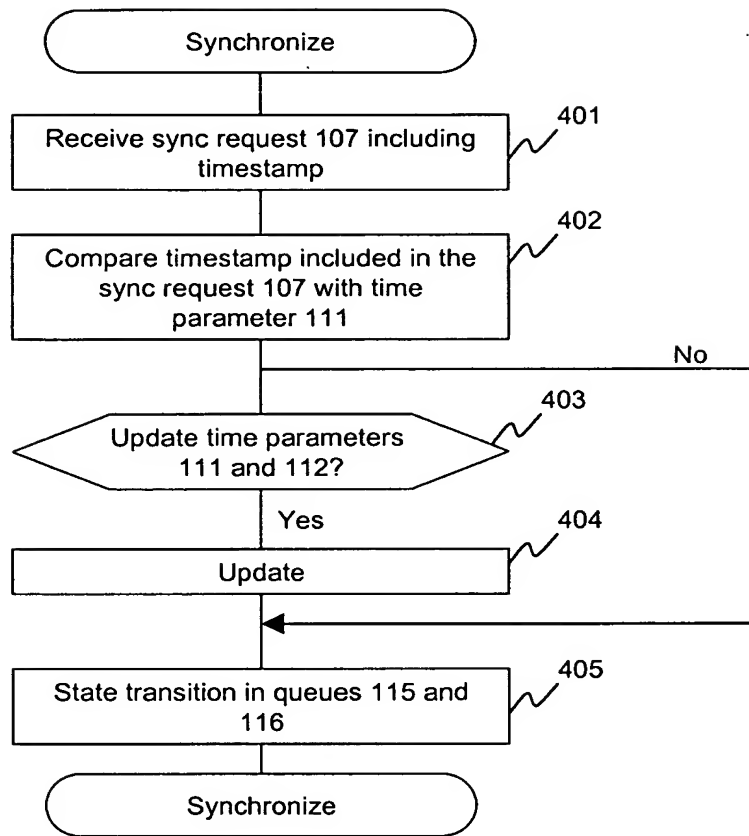
$Tn < Tn+1$



**FIG. 2**

302 Consistency group	303 Primary Storage	304 Secondary Storage
C1	#1 #2	#3 #4 #5
C2	#10	#11
C3	#11	#10
C4	#6 #7	#7 #8

FIG. 3



**FIG. 4**

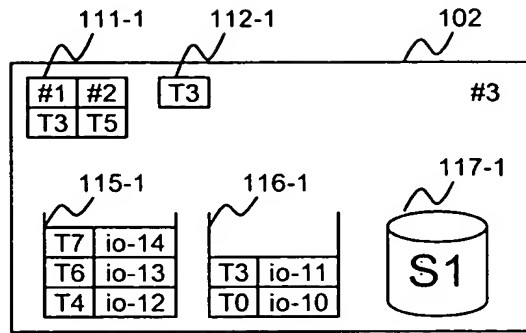


FIG. 5A

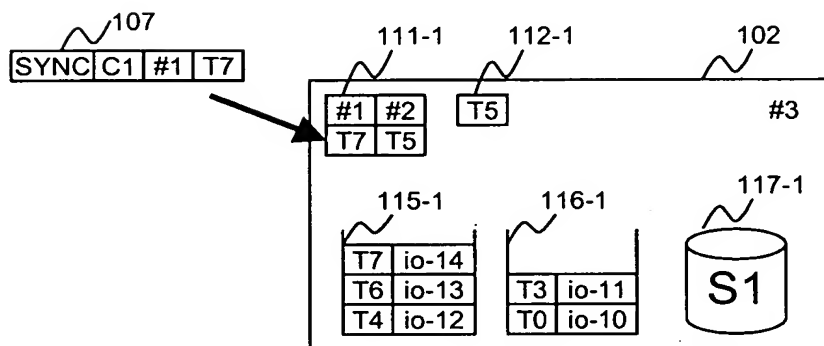


FIG. 5B

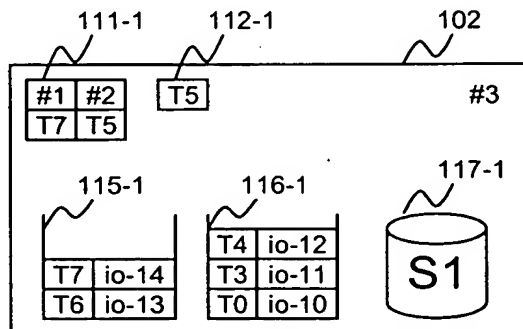
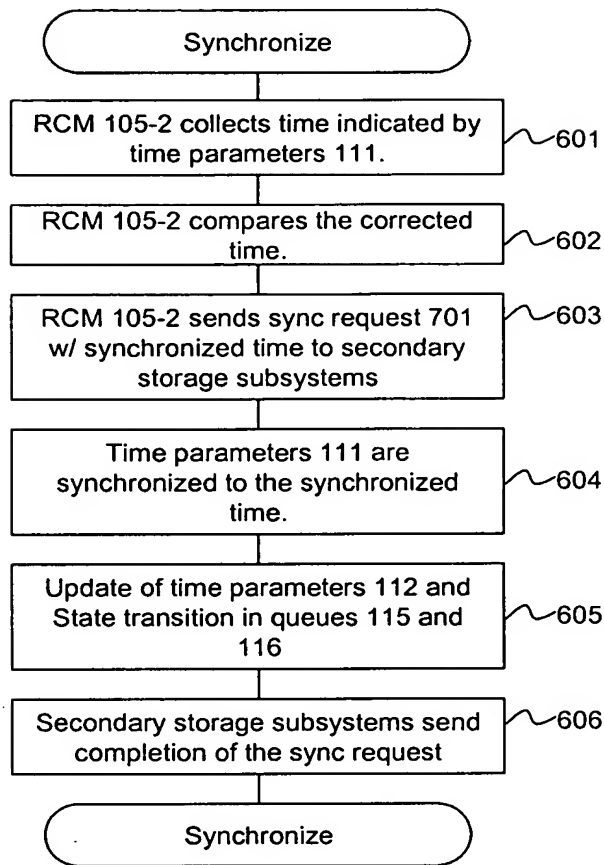
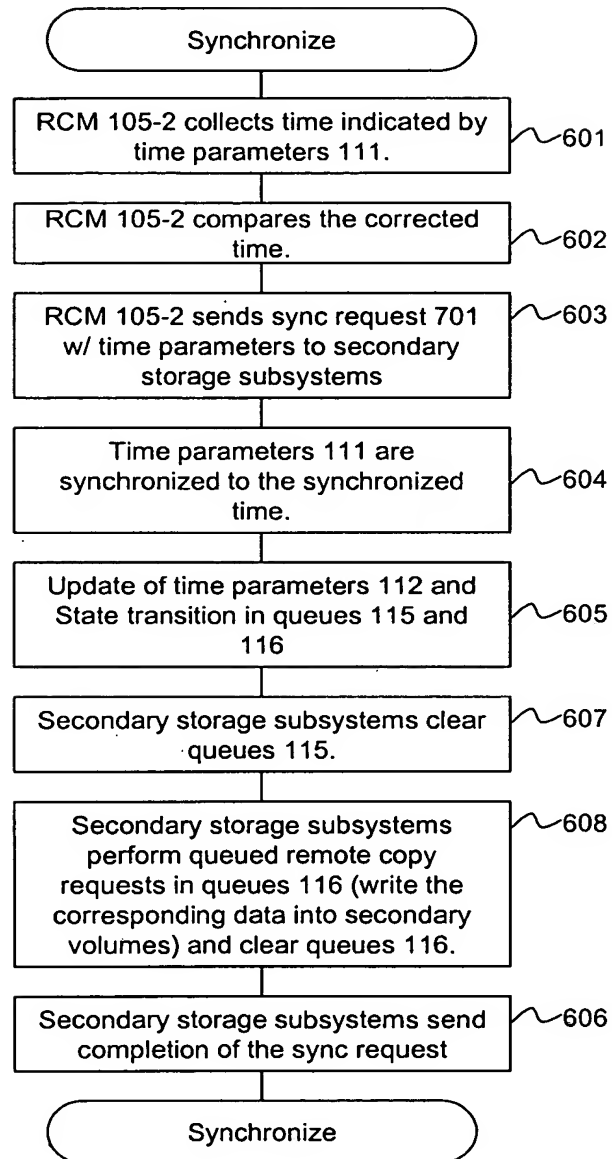


FIG. 5C



**FIG. 6A**



**FIG. 6B**

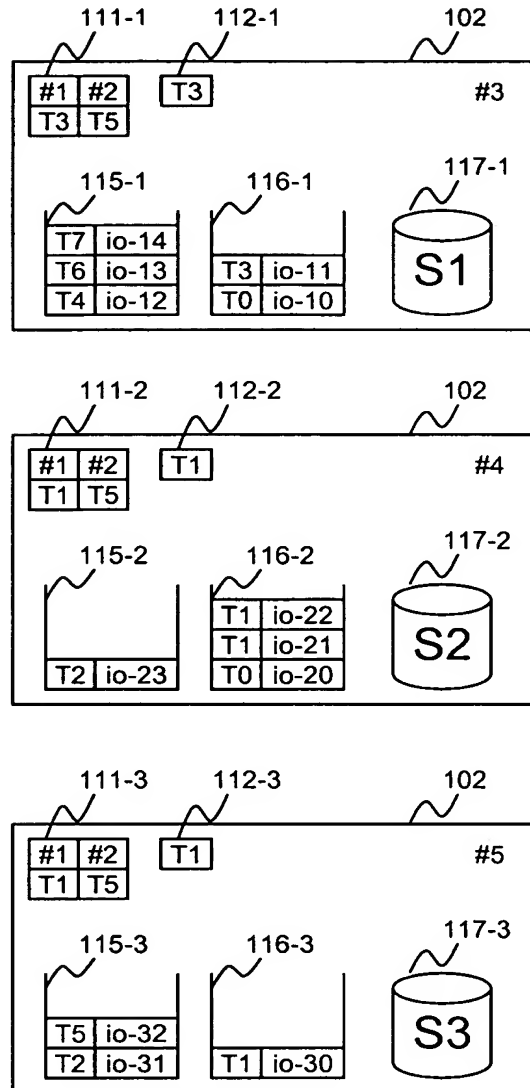


FIG. 7A



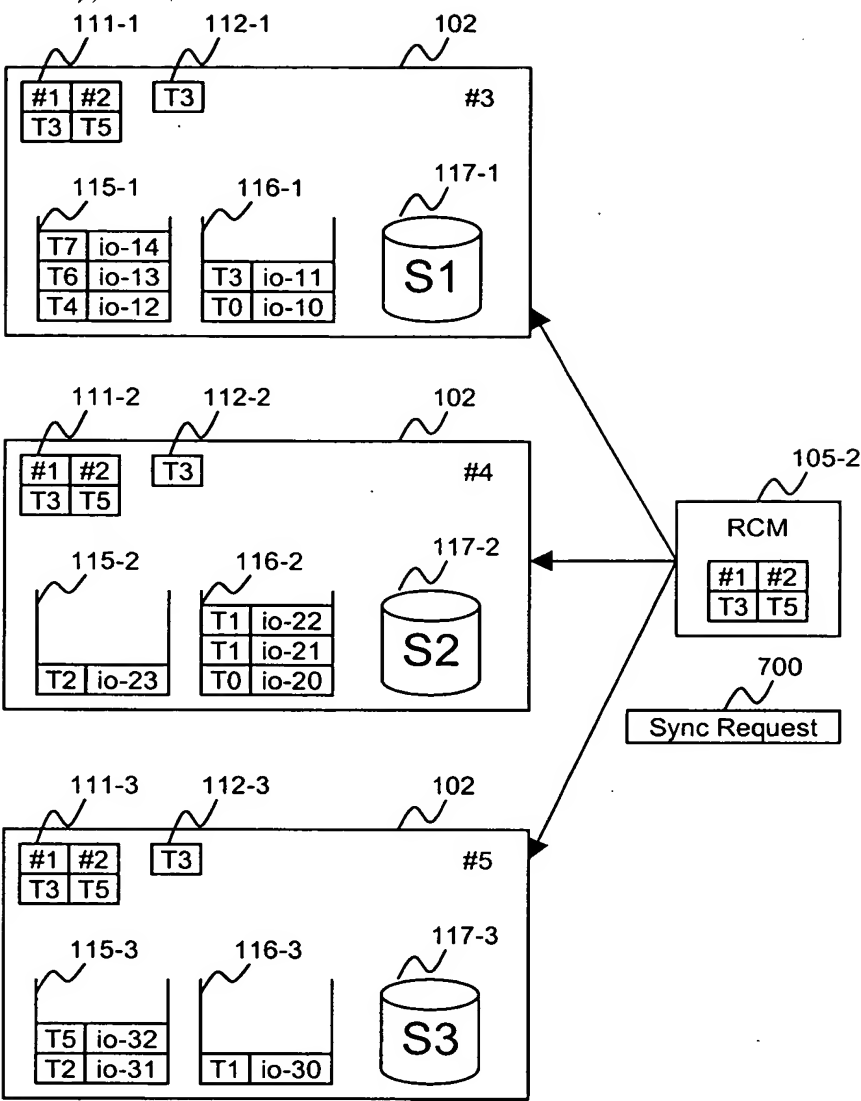


FIG. 7B

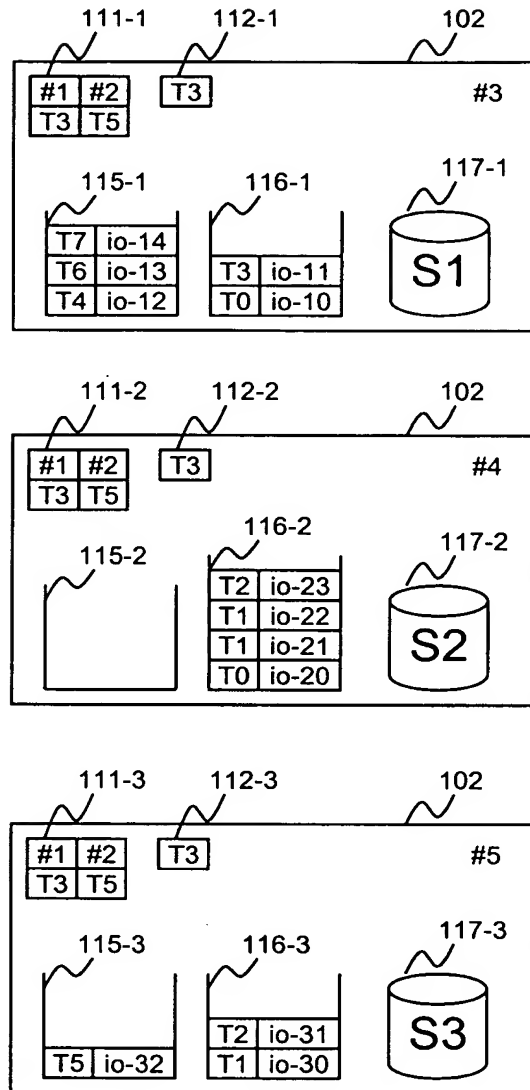


FIG. 7C

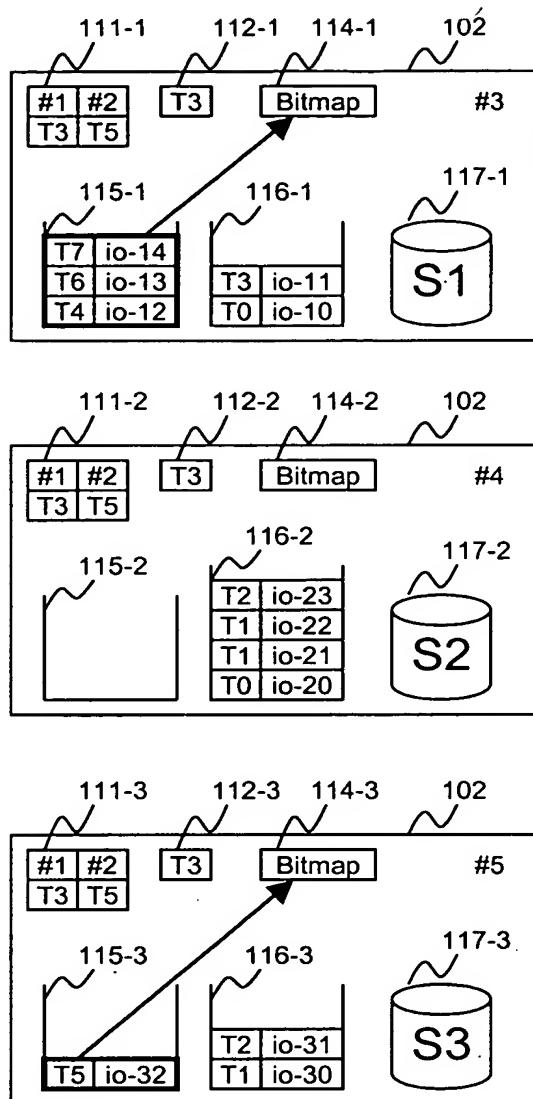


FIG. 7D

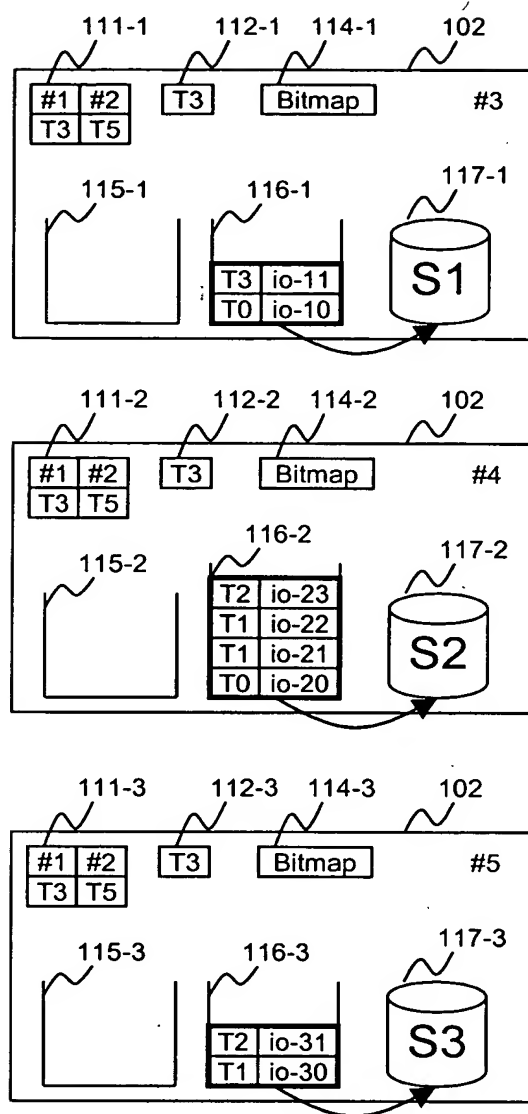


FIG. 7E

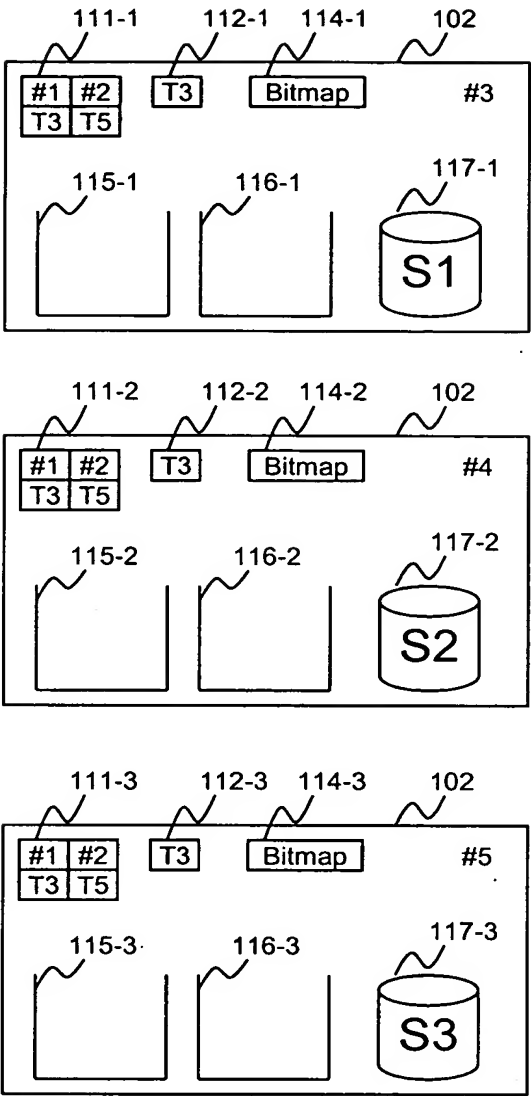


FIG. 7F

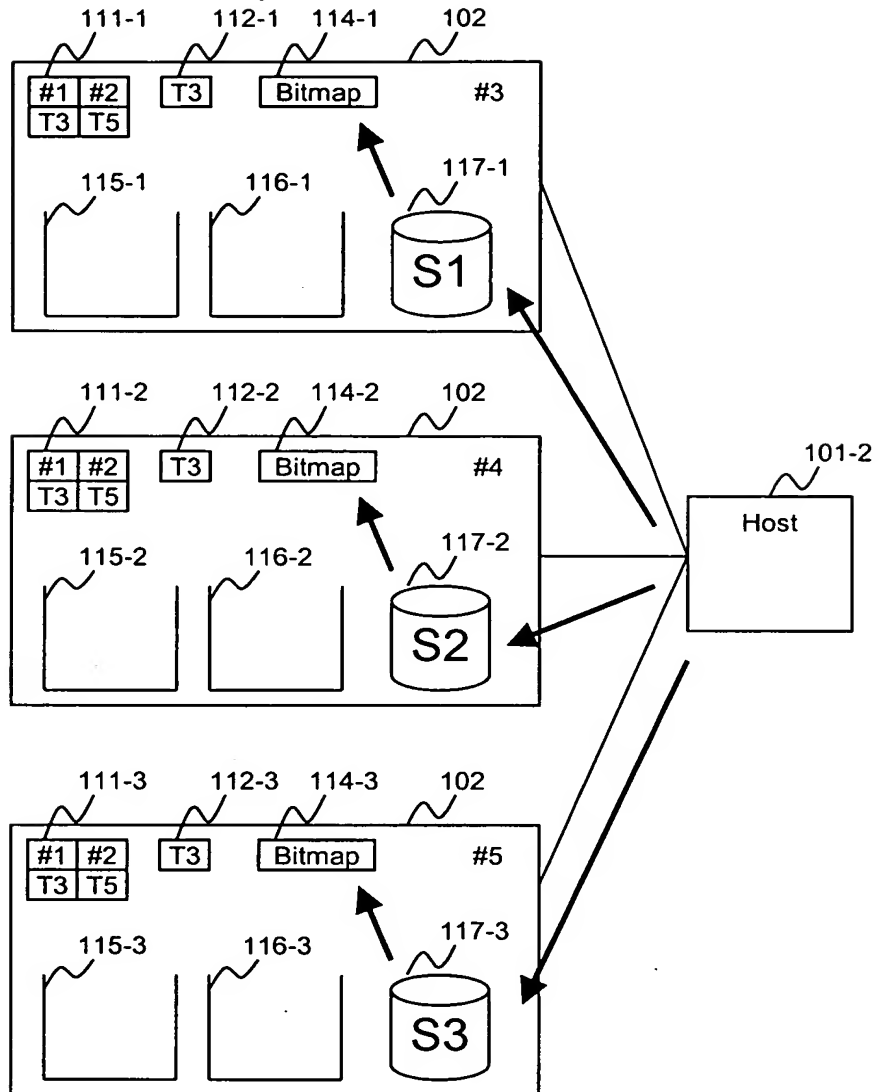
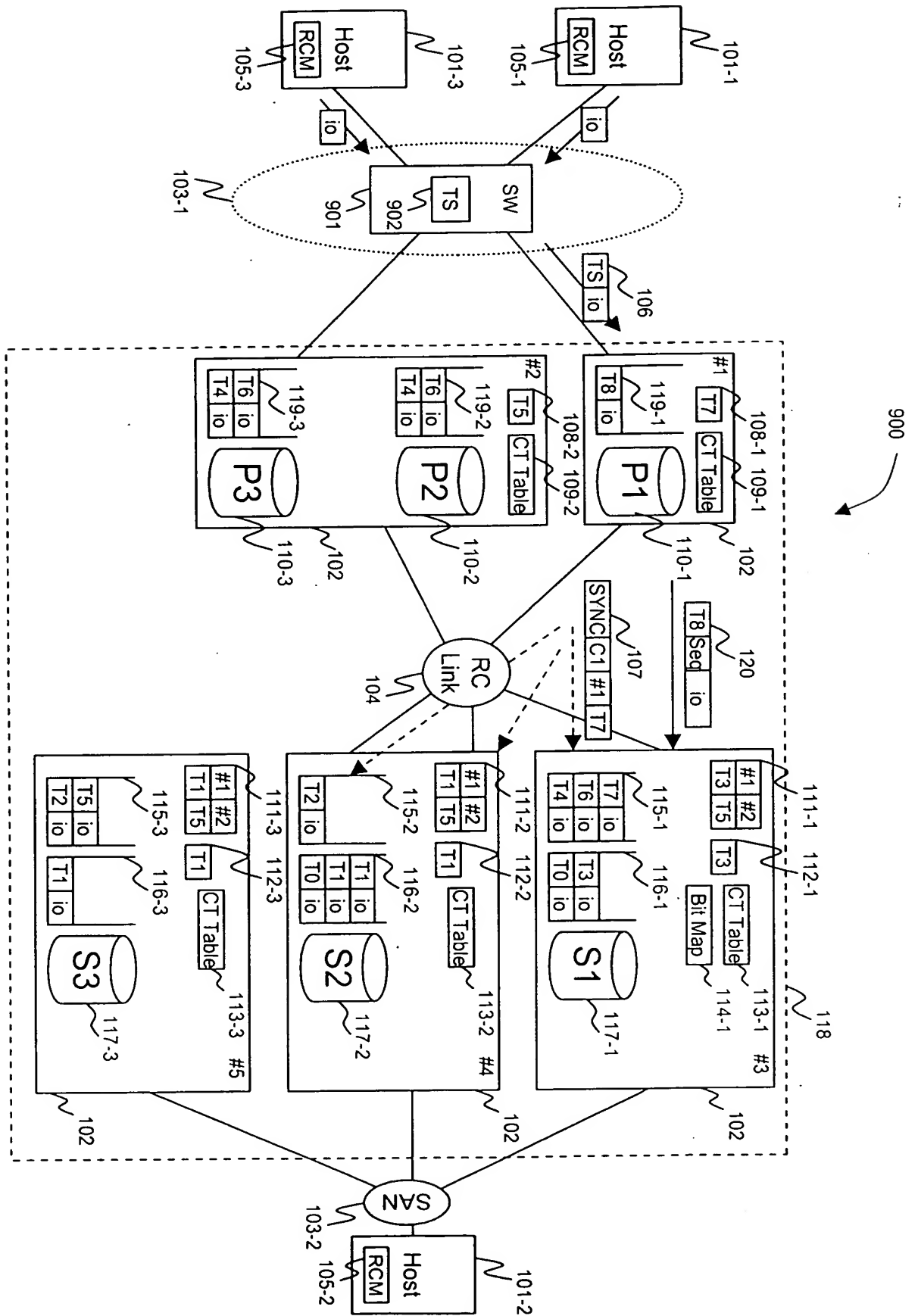


FIG. 7G





**FIG. 9**